Supplementary Table 2. Sensitivity analysis of patients' characteristics before and after multiple imputation of missing variables

Variables	n (%)	Before imputation	After imputation	Statistics	p
Ethnicity, n (%)	6 (0.37)			χ^2=12.654	0.027
African American		344 (12.23)	36 (7.96)		
Asian		53 (1.88)	4 (0.88)		
Caucasian		2097 (74.57)	352 (77.88)		
Hispanic		152 (5.41)	28 (6.19)		
Native American		4 (0.14)	0 (0.00)		
Other/unknown		162 (5.76)	32 (7.08)		
Height, cm, M (Q_1, Q_3)	16 (0.98)	168 (160, 177.8)	168 (160, 177.8)	Z=-0.1	0.921
Weight, kg, M (Q_1, Q_3)	32 (1.96)	79.37 (66.8, 94)	79.38 (66.8, 94)	Z=0.01	0.996
Heart rate, bpm, M (Q_1, Q_3)	115 (7.03)	81.5 (70, 96)	81 (70, 95)	Z=0.46	0.643
SBP, mmHg, M (Q_1, Q_3)	132 (8.07)	146 (125, 165)	146 (126, 165)	Z=-0.16	0.871
DBP, mmHg, M (Q_1, Q_3)	128 (7.83)	79 (66, 92)	79 (66, 92)	Z=-0.1	0.92
RR, M (Q_1, Q_3)	137 (8.38)	18 (16, 21)	18 (16, 21)	Z=0.15	0.881
Temperature, °C, M (Q_1, Q_3)	43 (2.63)	37 (36, 37)	37 (36, 37)	Z=-0.08	0.937
APACHE IV score, M (Q_1, Q_3)	116 (7.09)	51 (38, 68)	51 (38, 68)	Z=0.07	0.944
GCS, M (Q_1, Q_3)	246 (15.05)	11 (7, 14)	12 (7, 14)	Z=-0.67	0.501
WBC, K/mcL, M (Q_1, Q_3)	17 (1.04)	9.3 (7.3, 12.48)	9.3 (7.3, 12.5)	Z=-0.05	0.961
Lymphocytes, %, M (Q_1, Q_3)	419 (25.63)	16.3 (9.7, 26.3)	17 (9.8, 26.3)	Z=-0.46	0.644
Platelet, K/mcL, M (Q_1, Q_3)	26 (1.59)	216 (173, 266)	216 (174, 265.5)	Z=0.05	0.964
Hemoglobin, g/dL, M (Q_1, Q_3)	22 (1.35)	13.2 (11.4, 14.6)	13.2 (11.4, 14.55)	Z=0.08	0.935
RDW, %, M (Q_1, Q_3)	139 (8.50)	14 (13.2, 15.2)	14 (13.2, 15.15)	Z=-0.05	0.958
Bilirubin, mg/dL, M (Q_1, Q_3)	131 (8.01)	0.6 (0.4, 0.8)	0.6 (0.4, 0.8)	Z=-0.3	0.768
INR, M (Q_1, Q_3)	318 (19.45)	1.08 (1, 1.2)	1.07 (1, 1.2)	Z=0.44	0.664
PT, sec, M (Q_1, Q_3)	342 (20.92)	13.2 (12, 14.5)	13.2 (12, 14.5)	Z=0.26	0.799
Glucose, mg/dL, M (Q_1, Q_3)	3 (0.18)	128 (105, 161)	128 (105, 161)	Z=-0.02	0.982
Bicarbonate, mmol/L, M (Q_1, Q_3)	94 (5.75)	25 (22, 27)	25 (22, 27)	Z=0.19	0.848
K, mmol/L, M (Q_1, Q_3)	8 (0.49)	4 (3.7, 4.4)	4 (3.7, 4.36)	Z=0.04	0.968
Chloride, mmol/L, M (Q_1, Q_3)	6 (0.37)	104 (100, 107)	104 (100, 107)	Z=0.00	0.999
BMI, kg/m^2, M (Q_1, Q_3)	45 (2.75)	27.47 (23.88, 32.15)	27.47 (23.88, 32.14)	Z=-0.04	0.965

AIS, acute ischemic stroke, M, median, Q_1, 1st quartile, Q_3, 3rd quartile, SBP, systolic blood pressure, DBP, diastolic blood pressure, RR, respiratory rate, APACHE IV, Acute Physiology and Chronic Health Evaluation IV, GCS, Glasgow Coma Scale, WBC, white blood cell count, INR, international normalized ratio, PT, prothrombin time, K, potassium, BMI, body mass index; t, t-test, Z, rank sum test, χ^2, chi-square test.